

Title (en)
SCREW PUMP AND METHOD OF USE

Title (de)
SCHRAUBENPUMPE UND VERFAHREN ZUR VERWENDUNG

Title (fr)
POMPE À VIS ET PROCÉDÉ D'UTILISATION

Publication
EP 3877654 A1 20210915 (EN)

Application
EP 19816838 A 20191025

Priority
• GB 201818140 A 20181107
• GB 2019053041 W 20191025

Abstract (en)
[origin: WO2020095024A1] The invention provides a fluid pump apparatus comprising a fluid inlet, a fluid outlet, a screw member and a rotatable pump member. The screw member has at least one helical screw blade configured to be rotated by a fluid flow stream and the rotatable pump member is in fluid communication with the fluid inlet and/or fluid outlet.

IPC 8 full level
F04D 3/02 (2006.01); **F04D 13/04** (2006.01)

CPC (source: EP GB US)
F04B 19/06 (2013.01 - GB US); **F04B 19/12** (2013.01 - GB US); **F04C 2/00** (2013.01 - GB); **F04C 7/00** (2013.01 - GB); **F04D 3/02** (2013.01 - EP GB); **F04D 13/04** (2013.01 - GB); **F04D 13/043** (2013.01 - EP); **A01G 25/00** (2013.01 - GB); **F03B 17/00** (2013.01 - GB); **F04D 31/00** (2013.01 - GB); **F05D 2240/243** (2013.01 - EP); **Y02E 10/20** (2013.01 - GB)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2020095024 A1 20200514; EP 3877654 A1 20210915; GB 201818140 D0 20181219; GB 201915540 D0 20191211; GB 2578834 A 20200527; GB 2578834 B 20201230; US 11644021 B2 20230509; US 2022003223 A1 20220106

DOCDB simple family (application)
GB 2019053041 W 20191025; EP 19816838 A 20191025; GB 201818140 A 20181107; GB 201915540 A 20191025; US 201917290887 A 20191025